

Title (en)

METHOD FOR INCREASING THE BRAKE POWER OF A FOUR-STROKE ALTERNATING PISTON-TYPE INTERNAL-COMBUSTION ENGINE

Publication

EP 0379720 B1 19930224 (DE)

Application

EP 89123776 A 19891222

Priority

DE 3900739 A 19890112

Abstract (en)

[origin: EP0379720A1] Process in which, when braking, air is drawn in via the inlet valve on the first and third stroke and compressed on the second and fourth stroke and expelled through the partially opened outlet valve towards a throttle valve in the exhaust pipe. In order to increase the final compression pressure, i.e. to make the work to be performed for the compression greater, it is proposed that the outlet valve should in each case open briefly at the start and end of the compression stroke.

IPC 1-7

F02D 9/06; **F02D 13/04**

IPC 8 full level

F01L 13/06 (2006.01); **F01L 13/00** (2006.01); **F02D 9/06** (2006.01); **F02D 13/04** (2006.01); **F02B 75/02** (2006.01); **F02M 25/07** (2006.01)

CPC (source: EP US)

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Cited by

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EP 0379720 A1 19900801; **EP 0379720 B1 19930224**; DE 3900739 A1 19900719; DE 3900739 C2 19910314; DE 58903612 D1 19930401; JP 2798461 B2 19980917; JP H02227509 A 19900910; RU 1797672 C 19930223; US 4981119 A 19910101; ZA 90189 B 19901031

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